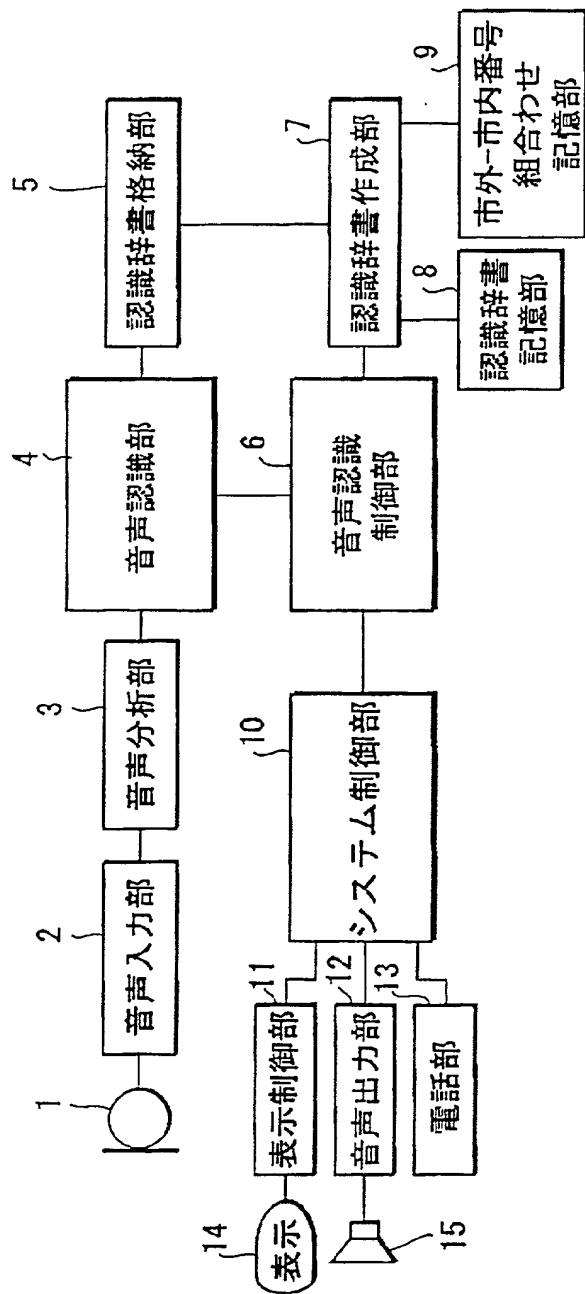


FIG. 1



2. voice input section 3. voice analysis section 4. voice recognition section 5. recognition dictionary storing section  
6. voice recognition control section 7. recognition dictionary creating section 8. recognition dictionary memory  
9. suburb-city number combination memory 10. system controller 11. display control section 12. voice output section  
13. telephone section 14. display

FIG. 2

03
06
011
.
.
.
09977

~ 71 Suburb number recognition dictionary

FIG. 3

033013
033017
033030
.
.
.
099772

~ 72 Suburb and city code number recognition dictionary

# FIG. 4

Suburb code number ID

City code number ID

市外局番ID	市内局番データ
1 (市外局番 03)	3013, 3017, 3030, ...
2 (市外局番 06)	6202, 6203, 3204, ...
.	.
n (市外局番 09977用)	2, 3, 4, ....

Suburb code

City code number recognition dictionary

# FIG. 5

0000
0001
.
.
9999

73 subscriber's number recognition dictionary

# FIG. 6

Suburb code

city code number corresponding to suburb code number.

市外局番	市外局番に対応する市内局番ID
03	city code 市内局番ID 0
06	市内局番ID 1
.	.
.	.
09977	市内局番ID n

Suburb code number ID table.

FIG. 7

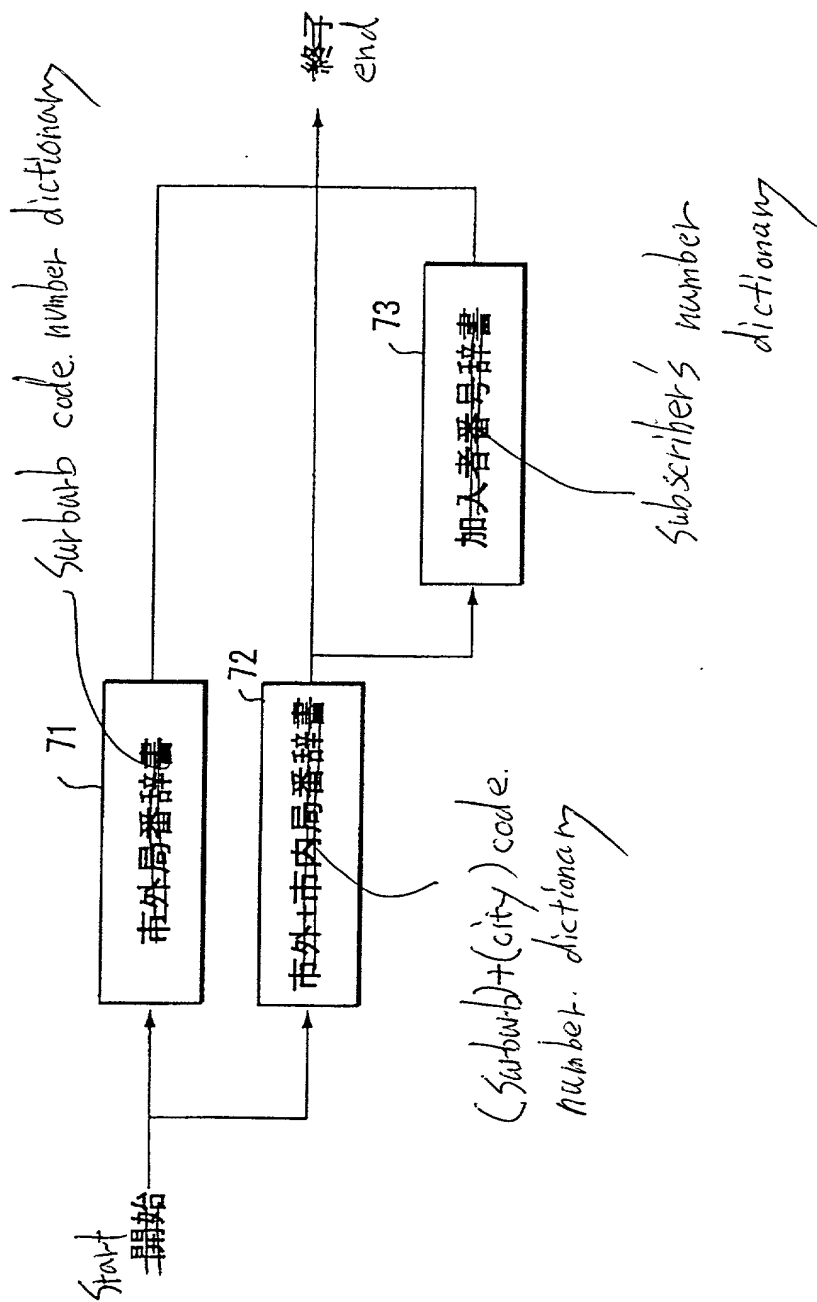


FIG. 8

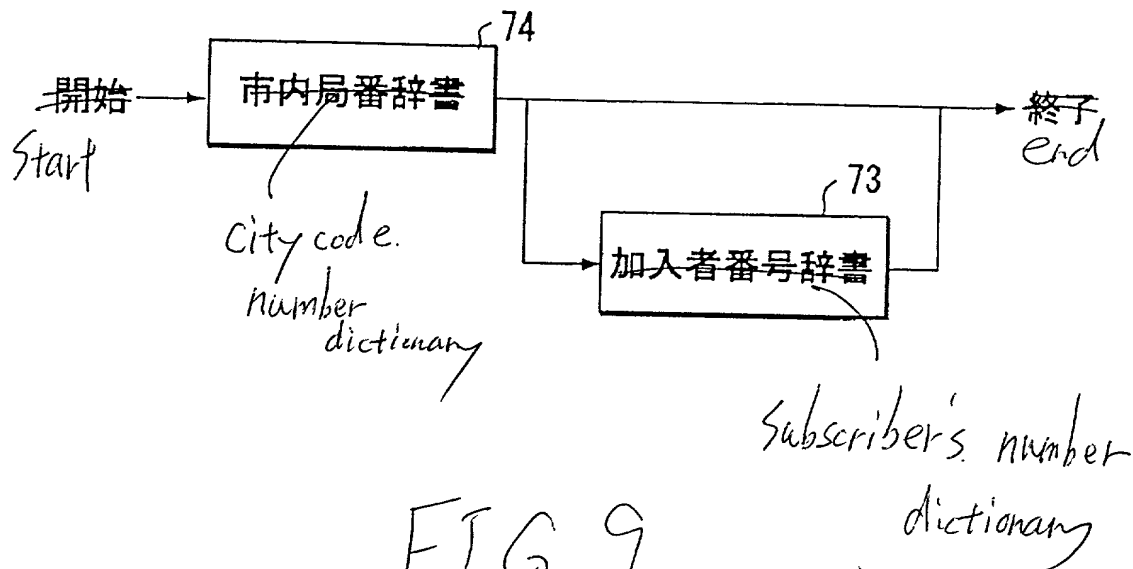


FIG. 9

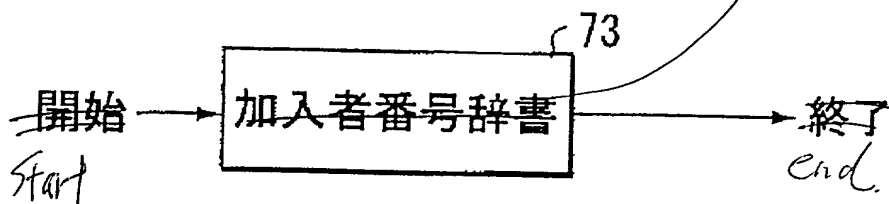
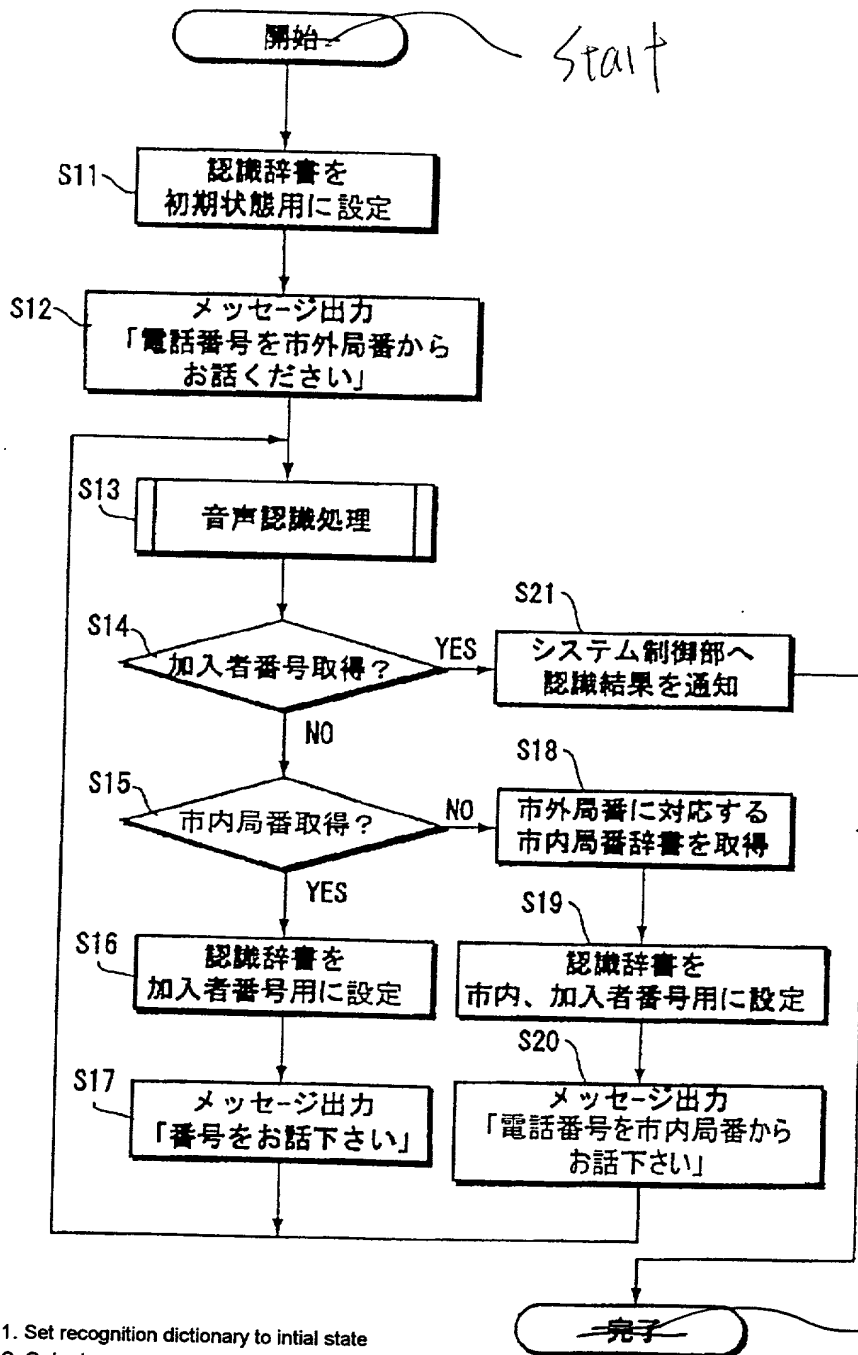
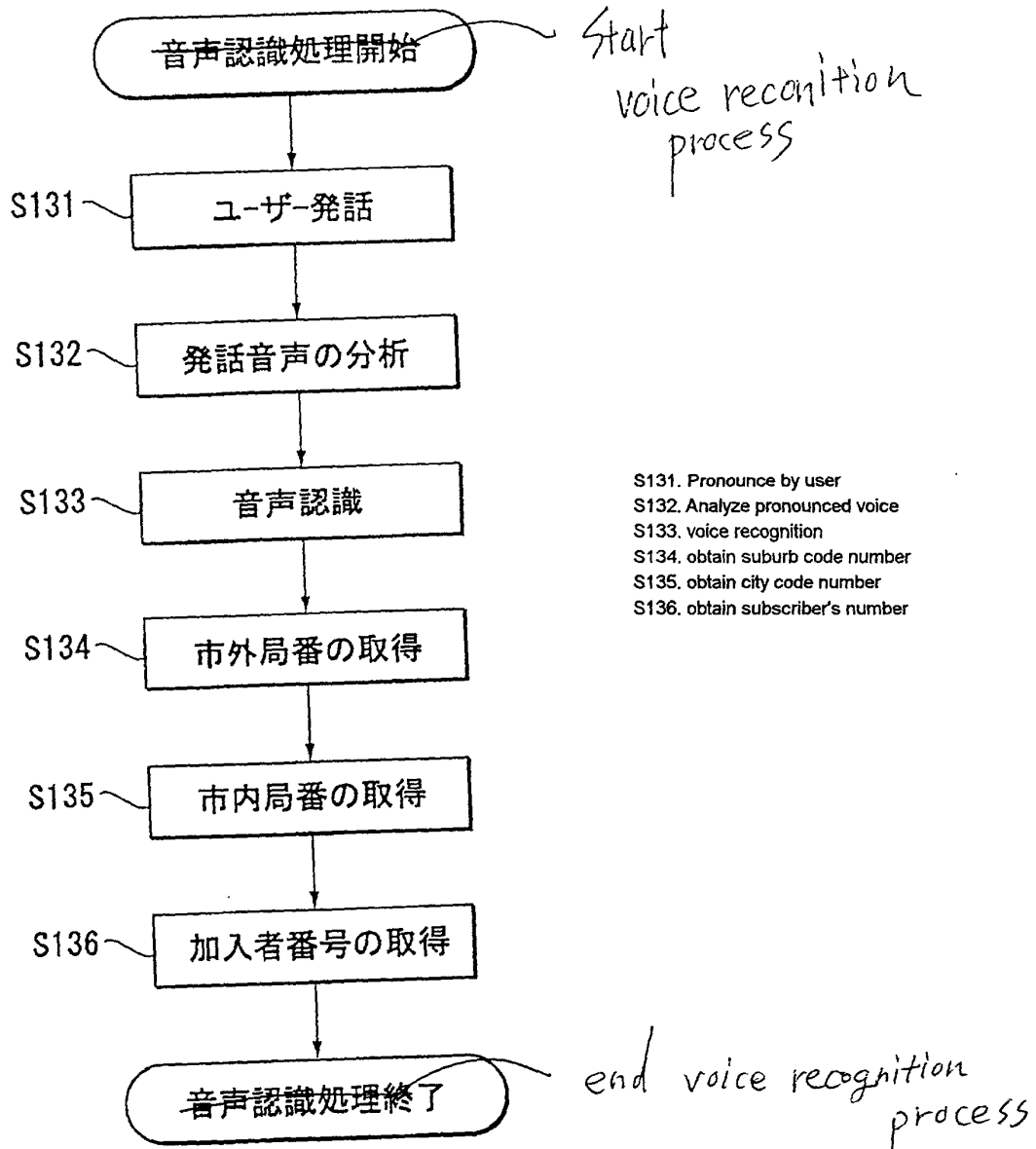


FIG. 10



- S11. Set recognition dictionary to initial state  
 S12. Output message of "please pronounce a telephone number from a suburb code number"  
 S13. Voice recognition process  
 S14. Subscriber's number is obtained?  
 S15. City code number is obtained?  
 S16. Set recognition dictionary to subscriber's number  
 S17. Output message of "please speak a number"  
 S18. obtain city code number dictionary corresponding to suburb code number  
 S19. set recognition dictionary to city and subscriber's number  
 S20. output message of "please pronounce a telephone number from a city code number"  
 S21. transmit recognition result to system controller

FIG. 11



106220"48504660